



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁵ : A47G 1/17, F16B 47/00	A1	(11) International Publication Number: WO 94/21157 (43) International Publication Date: 29 September 1994 (29.09.94)
<p>(21) International Application Number: PCT/US93/02643</p> <p>(22) International Filing Date: 23 March 1993 (23.03.93)</p> <p>(71) Applicant: MINNESOTA MINING AND MANUFACTURING COMPANY [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).</p> <p>(72) Inventors: HAMERSKI, Michael, D.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). BRIES, James, L.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). RODRIGUES, Alex, Jr.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). CARLSON, Bruce, W.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).</p> <p>(74) Agents: HOHENSHELL, Jeffrey, J. et al.; Minnesota Mining and Manufacturing Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).</p>		<p>(81) Designated States: JP, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).</p> <p>Published <i>With international search report.</i></p>
(54) Title: ARTICLE SUPPORT USING STRETCH RELEASING ADHESIVES		
(57) Abstract		
<p>An article support adapted for adhering to a substrate is described. The article support preferably includes a base member (30), a stretch release adhesive tape adhered to that base member, and some mechanism (22) for gripping the stretch release adhesive tape. These items are arranged so that when the base member is adhered to the substrate by the stretch release adhesive tape, the base member can be removed by pulling on the gripping means at an acute angle from the surface of the substrate. Gripping means which resist disassociation from the stretch release adhesive tape during the removal of the base from the substrate are disclosed, including handle types. The base member can be generic, suitable for attaching various types of support members (40) via, for example, complimentary dovetail slides (42, 44). In such cases, provision such as a latch can be made to temporarily lock the support member to the base member. The article support can be provided so that when the support member is removed from the base member, the gripping mechanism engages the support member to automatically stretch the tape and remove the base member from the substrate.</p>		